## **ABSTRACT**

In accordance with various aspects of the invention, CXCR4 antagonists may be used to treat hematopoietic cells, such as progenitor or stem cells, to promote the rate of cellular multiplication, self-renewal, proliferation or expansion. CXCR4 antagonists may be used therapeutically to stimulate hematopoietic stem/progenitor cell multiplication/self-renewal.

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